

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3588	fructosyltransferase\$1 or fructosyl adj transferase\$1 or \$sucrase	US-PGPUB; USPAT	OR	OFF	2007/06/25 10:25
L2	8594	(lactobacillus or lactic adj acid adj bacteri\$8)	US-PGPUB; USPAT	OR	OFF	2007/06/25 10:25
L3	272	(fructan or levan) near5 (mak\$6 or produc\$8 or synthes\$8)	US-PGPUB; USPAT	OR	OFF	2007/06/25 10:26
<b>L4</b>	54	2 same (1 or 3)	US-PGPUB; USPAT	OR	OFF	2007/06/25 10:27

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:22:11 ON 25 JUN 2007

=> fil .bec,fsta  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS, FSTA' ENTERED AT 11:22:45 ON 25 JUN 2007  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

12 FILES IN THE FILE LIST

=> s fructosyltransferase# or fructosyl transferase# or levansucrase# or  
levan(w)sucrase#

FILE 'MEDLINE'

	196	FRUCTOSYLTRANSFERASE#
	285	FRUCTOSYL
	61568	TRANSFERASE#
	21	FRUCTOSYL TRANSFERASE#
		(FRUCTOSYL (W) TRANSFERASE#)
	272	LEVANSUCRASE#
	457	LEVAN
	3204	SUCRASE#
		(SUCRASE#)
	18	LEVAN (W) SUCRASE#
L1	473	FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#
		OR LEVAN (W) SUCRASE#

FILE 'SCISEARCH'

	376	FRUCTOSYLTRANSFERASE#
	375	FRUCTOSYL
	49105	TRANSFERASE#
	108	FRUCTOSYL TRANSFERASE#
		(FRUCTOSYL (W) TRANSFERASE#)
	359	LEVANSUCRASE#
	507	LEVAN
	2024	SUCRASE#
		(SUCRASE#)
	10	LEVAN (W) SUCRASE#
L2	754	FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#
		OR LEVAN (W) SUCRASE#

FILE 'LIFESCI'

	136	FRUCTOSYLTRANSFERASE#
	120	"FRUCTOSYL"
	15737	TRANSFERASE#
	29	FRUCTOSYL TRANSFERASE#
		("FRUCTOSYL" (W) TRANSFERASE#)
	195	LEVANSUCRASE#
	300	LEVAN
	398	SUCRASE#
		(SUCRASE#)
	8	LEVAN (W) SUCRASE#
L3	336	FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#
		OR LEVAN (W) SUCRASE#

FILE 'BIOTECHDS'

	531	FRUCTOSYLTRANSFERASE#
	225	FRUCTOSYL
	4475	TRANSFERASE#
	125	FRUCTOSYL TRANSFERASE#
		(FRUCTOSYL (W) TRANSFERASE#)

616 LEVANSUCRASE#  
 229 LEVAN  
 111 SUCRASE#\  
       (SUCRASE#)  
       12 LEVAN (W) SUCRASE#\  
 L4 792 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#  
       OR LEVAN (W) SUCRASE#\  
 FILE 'BIOSIS'

395 FRUCTOSYLTRANSFERASE#  
 552 FRUCTOSYL  
 82782 TRANSFERASE#  
 164 FRUCTOSYL TRANSFERASE#  
       (FRUCTOSYL (W) TRANSFERASE#)  
 361 LEVANSUCRASE#  
 954 LEVAN  
 3784 SUCRASE#\  
       (SUCRASE#)  
       110 LEVAN (W) SUCRASE#\  
 L5 897 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#  
       OR LEVAN (W) SUCRASE#\  
 FILE 'EMBASE'

165 FRUCTOSYLTRANSFERASE#  
 164 "FRUCTOSYL"  
 45378 TRANSFERASE#  
 11 FRUCTOSYL TRANSFERASE#  
       ("FRUCTOSYL" (W) TRANSFERASE#)  
 259 LEVANSUCRASE#  
 458 LEVAN  
 2062 SUCRASE#\  
       (SUCRASE#)  
       8 LEVAN (W) SUCRASE#\  
 L6 398 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#  
       OR LEVAN (W) SUCRASE#\  
 FILE 'HCAPLUS'

1033 FRUCTOSYLTRANSFERASE#  
 774 FRUCTOSYL  
 58067 TRANSFERASE#  
 138 FRUCTOSYL TRANSFERASE#  
       (FRUCTOSYL (W) TRANSFERASE#)  
 738 LEVANSUCRASE#  
 1358 LEVAN  
 3850 SUCRASE#\  
       (SUCRASE#)  
       147 LEVAN (W) SUCRASE#\  
 L7 1650 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#  
       OR LEVAN (W) SUCRASE#\  
 FILE 'NTIS'

2 FRUCTOSYLTRANSFERASE#  
 2 FRUCTOSYL  
 1427 TRANSFERASE#  
 0 FRUCTOSYL TRANSFERASE#  
       (FRUCTOSYL (W) TRANSFERASE#)  
 3 LEVANSUCRASE#  
 16 LEVAN  
 23 SUCRASE#\  
       (SUCRASE#)  
       0 LEVAN (W) SUCRASE#\  
 L8 4 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#  
       OR LEVAN (W) SUCRASE#\  
 FILE 'ESBIOBASE'

```

180 FRUCTOSYLTRANSFERASE#
181 FRUCTOSYL
38510 TRANSFERASE#
42 FRUCTOSYL TRANSFERASE#
    (FRUCTOSYL (W) TRANSFERASE#)
160 LEVANSUCRASE#
203 LEVAN
594 SUCRASE#\
    (SUCRASE#)
5 LEVAN (W) SUCRASE#\
L9 361 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#
    OR LEVAN (W) SUCRASE#\

```

FILE 'BIOTECHNO'

```

124 FRUCTOSYLTRANSFERASE#
106 FRUCTOSYL
16723 TRANSFERASE#
29 FRUCTOSYL TRANSFERASE#
    (FRUCTOSYL (W) TRANSFERASE#)
201 LEVANSUCRASE#
223 LEVAN
493 SUCRASE#\
    (SUCRASE#)
4 LEVAN (W) SUCRASE#\
L10 318 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#
    OR LEVAN (W) SUCRASE#\

```

FILE 'WPIDS'

```

392 FRUCTOSYLTRANSFERASE#
296 FRUCTOSYL
7576 TRANSFERASE#
149 FRUCTOSYL TRANSFERASE#
    (FRUCTOSYL (W) TRANSFERASE#)
446 LEVANSUCRASE#
235 LEVAN
183 SUCRASE#\
    (SUCRASE#)
31 LEVAN (W) SUCRASE#\
L11 577 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#
    OR LEVAN (W) SUCRASE#\

```

FILE 'FSTA'

```

85 FRUCTOSYLTRANSFERASE#
126 FRUCTOSYL
2760 TRANSFERASE#
36 FRUCTOSYL TRANSFERASE#
    (FRUCTOSYL (W) TRANSFERASE#)
119 LEVANSUCRASE#
184 LEVAN
120 SUCRASE#\
    (SUCRASE#)
5 LEVAN (W) SUCRASE#\
L12 220 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#
    OR LEVAN (W) SUCRASE#\

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TOTAL FOR ALL FILES

```

L13 6780 FRUCTOSYLTRANSFERASE# OR FRUCTOSYL TRANSFERASE# OR LEVANSUCRASE#
    OR LEVAN (W) SUCRASE#\

```

=> s lactobacillus or lactic acid bacteri?

FILE 'MEDLINE'

```

14376 LACTOBACILLUS
36600 LACTIC
1483054 ACID
785620 BACTERI?

```

2937 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L14 15491 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'SCISEARCH'

13981 LACTOBACILLUS  
29093 LACTIC  
1206743 ACID  
389634 BACTERI?  
8839 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L15 18181 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'LIFESCI'

7282 LACTOBACILLUS  
8941 "LACTIC"  
324155 "ACID"  
207684 BACTERI?  
3501 LACTIC ACID BACTERI?  
("LACTIC" (W) "ACID" (W) BACTERI?)

L16 9148 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'BIOTECHDS'

3198 LACTOBACILLUS  
6398 LACTIC  
149575 ACID  
132410 BACTERI?  
3381 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L17 4403 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'BIOSIS'

22558 LACTOBACILLUS  
42022 LACTIC  
1481613 ACID  
1611256 BACTERI?  
7782 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L18 26736 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'EMBASE'

11385 LACTOBACILLUS  
42146 "LACTIC"  
1485551 "ACID"  
518587 BACTERI?  
2980 LACTIC ACID BACTERI?  
("LACTIC" (W) "ACID" (W) BACTERI?)

L19 12738 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'HCAPLUS'

25495 LACTOBACILLUS  
104788 LACTIC  
4391060 ACID  
627545 BACTERI?  
12159 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L20 32384 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'NTIS'

119 LACTOBACILLUS  
590 LACTIC  
44585 ACID  
19098 BACTERI?  
36 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L21 137 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'ESBIOBASE'

5755 LACTOBACILLUS  
7587 LACTIC  
378619 ACID  
226125 BACTERI?  
3096 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L22 7329 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'BIOTECHNO'

5010 LACTOBACILLUS  
8347 LACTIC  
349810 ACID  
190625 BACTERI?  
2123 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L23 6064 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'WPIDS'

5658 LACTOBACILLUS  
23332 LACTIC  
1097661 ACID  
125265 BACTERI?  
3083 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L24 7670 LACTOBACILLUS OR LACTIC ACID BACTERI?

FILE 'FSTA'

11298 LACTOBACILLUS  
17254 LACTIC  
129236 ACID  
70165 BACTERI?  
8069 LACTIC ACID BACTERI?  
(LACTIC (W) ACID (W) BACTERI?)

L25 16110 LACTOBACILLUS OR LACTIC ACID BACTERI?

TOTAL FOR ALL FILES

L26 156391 LACTOBACILLUS OR LACTIC ACID BACTERI?

=> s (fructan or levan) (5a) (mak##### or produc? or synthes?)

FILE 'MEDLINE'

278 FRUCTAN  
457 LEVAN  
341459 MAK#####  
1403836 PRODUC?  
544840 SYNTHES?

L27 190 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'SCISEARCH'

794 FRUCTAN  
507 LEVAN  
408866 MAK#####  
1992335 PRODUC?  
978561 SYNTHES?

L28 351 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'LIFESCI'

173 FRUCTAN  
300 LEVAN  
61978 MAK#####  
562346 PRODUC?  
152270 SYNTHES?

L29 196 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'BIOTECHDS'  
117 FRUCTAN  
229 LEVAN  
14790 MAK#####  
238676 PRODUC?  
36589 SYNTHES?  
L30 181 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'BIOSIS'  
1012 FRUCTAN  
954 LEVAN  
259034 MAK#####  
2089347 PRODUC?  
727054 SYNTHES?  
L31 541 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'EMBASE'  
454 FRUCTAN  
458 LEVAN  
312354 MAK#####  
1329339 PRODUC?  
657501 SYNTHES?  
L32 161 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'HCAPLUS'  
1410 FRUCTAN  
1358 LEVAN  
751925 MAK#####  
4520889 PRODUC?  
1013547 PRODN  
5008722 PRODUC?  
(PRODUC? OR PRODN)  
1632422 SYNTHES?  
L33 729 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'NTIS'  
3 FRUCTAN  
16 LEVAN  
126978 MAK#####  
378526 PRODUC?  
43424 SYNTHES?  
L34 4 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'ESBIOBASE'  
403 FRUCTAN  
203 LEVAN  
89524 MAK#####  
664425 PRODUC?  
219497 SYNTHES?  
L35 215 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'BIOTECHNO'  
228 FRUCTAN  
223 LEVAN  
34859 MAK#####  
394590 PRODUC?  
170699 SYNTHES?  
L36 136 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'WPIDS'  
209 FRUCTAN  
235 LEVAN  
742166 MAK#####  
2548191 PRODUC?

```

155555 SYNTHES?
L37      83 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

FILE 'FSTA'
      202 FRUCTAN
      184 LEVAN
      20087 MAK#####
      314180 PRODUC?
      13221 SYNTHES?
L38      149 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

TOTAL FOR ALL FILES
L39      2936 (FRUCTAN OR LEVAN) (5A) (MAK##### OR PRODUC? OR SYNTHES?)

=> s l26(10a)(l13 or l39)
FILE 'MEDLINE'
L40      11 L14(10A) (L1 OR L27)

FILE 'SCISEARCH'
L41      13 L15(10A) (L2 OR L28)

FILE 'LIFESCI'
L42      10 L16(10A) (L3 OR L29)

FILE 'BIOTECHDS'
L43      13 L17(10A) (L4 OR L30)

FILE 'BIOSIS'
L44      16 L18(10A) (L5 OR L31)

FILE 'EMBASE'
L45      11 L19(10A) (L6 OR L32)

FILE 'HCAPLUS'
L46      29 L20(10A) (L7 OR L33)

FILE 'NTIS'
L47      0 L21(10A) (L8 OR L34)

FILE 'ESBIOBASE'
L48      12 L22(10A) (L9 OR L35)

FILE 'BIOTECHNO'
L49      4 L23(10A) (L10 OR L36)

FILE 'WPIDS'
L50      6 L24(10A) (L11 OR L37)

FILE 'FSTA'
L51      14 L25(10A) (L12 OR L38)

TOTAL FOR ALL FILES
L52      139 L26(10A) (L13 OR L39)

=> s l52 not 2002-2007/py
FILE 'MEDLINE'
      3331572 2002-2007/PY
      (20020000-20079999/PY)
L53      1 L40 NOT 2002-2007/PY

FILE 'SCISEARCH'
      6130147 2002-2007/PY
      (20020000-20079999/PY)
L54      3 L41 NOT 2002-2007/PY

```



FILE 'LIFESCI'  
654341 2002-2007/PY  
L55 3 L42 NOT 2002-2007/PY

FILE 'BIOTECHDS'  
142268 2002-2007/PY  
L56 4 L43 NOT 2002-2007/PY

FILE 'BIOSIS'  
3046228 2002-2007/PY  
L57 4 L44 NOT 2002-2007/PY

FILE 'EMBASE'  
2912970 2002-2007/PY  
L58 3 L45 NOT 2002-2007/PY

FILE 'HCAPLUS'  
6383126 2002-2007/PY  
L59 5 L46 NOT 2002-2007/PY

FILE 'NTIS'  
87701 2002-2007/PY  
L60 0 L47 NOT 2002-2007/PY

FILE 'ESBIOBASE'  
1741613 2002-2007/PY  
L61 3 L48 NOT 2002-2007/PY

FILE 'BIOTECHNO'  
244553 2002-2007/PY  
L62 3 L49 NOT 2002-2007/PY

FILE 'WPIDS'  
5305751 2002-2007/PY  
L63 0 L50 NOT 2002-2007/PY

FILE 'FSTA'  
151122 2002-2007/PY  
L64 3 L51 NOT 2002-2007/PY

TOTAL FOR ALL FILES  
L65 32 L52 NOT 2002-2007/PY

=> s 126 and (113 or 139)

FILE 'MEDLINE'  
L66 19 L14 AND (L1 OR L27)

FILE 'SCISEARCH'  
L67 31 L15 AND (L2 OR L28)

FILE 'LIFESCI'  
L68 18 L16 AND (L3 OR L29)

FILE 'BIOTECHDS'  
L69 22 L17 AND (L4 OR L30)

FILE 'BIOSIS'  
L70 31 L18 AND (L5 OR L31)

FILE 'EMBASE'  
L71 23 L19 AND (L6 OR L32)

FILE 'HCAPLUS'  
L72 46 L20 AND (L7 OR L33)

FILE 'NTIS'  
 L73 0 L21 AND (L8 OR L34)  
  
 FILE 'ESBIOBASE'  
 L74 18 L22 AND (L9 OR L35)  
  
 FILE 'BIOTECHNO'  
 L75 9 L23 AND (L10 OR L36)  
  
 FILE 'WPIDS'  
 L76 14 L24 AND (L11 OR L37)  
  
 FILE 'FSTA'  
 L77 19 L25 AND (L12 OR L38)  
  
 TOTAL FOR ALL FILES  
 L78 250 L26 AND (L13 OR L39)  
  
 => s l78 not 2002-2007/py  
 FILE 'MEDLINE'  
 3331572 2002-2007/PY  
 (20020000-20079999/PY)  
 L79 2 L66 NOT 2002-2007/PY  
  
 FILE 'SCISEARCH'  
 6130147 2002-2007/PY  
 (20020000-20079999/PY)  
 L80 6 L67 NOT 2002-2007/PY  
  
 FILE 'LIFESCI'  
 654341 2002-2007/PY  
 L81 7 L68 NOT 2002-2007/PY  
  
 FILE 'BIOTECHDS'  
 142268 2002-2007/PY  
 L82 8 L69 NOT 2002-2007/PY  
  
 FILE 'BIOSIS'  
 3046228 2002-2007/PY  
 L83 9 L70 NOT 2002-2007/PY  
  
 FILE 'EMBASE'  
 2912970 2002-2007/PY  
 L84 8 L71 NOT 2002-2007/PY  
  
 FILE 'HCAPLUS'  
 6383126 2002-2007/PY  
 L85 13 L72 NOT 2002-2007/PY  
  
 FILE 'NTIS'  
 87701 2002-2007/PY  
 L86 0 L73 NOT 2002-2007/PY  
  
 FILE 'ESBIOBASE'  
 1741613 2002-2007/PY  
 L87 5 L74 NOT 2002-2007/PY  
  
 FILE 'BIOTECHNO'  
 244553 2002-2007/PY  
 L88 7 L75 NOT 2002-2007/PY  
  
 FILE 'WPIDS'  
 5305751 2002-2007/PY  
 L89 7 L76 NOT 2002-2007/PY

FILE 'FSTA'

151122 2002-2007/PY  
L90 4 L77 NOT 2002-2007/PY

TOTAL FOR ALL FILES

L91 76 L78 NOT 2002-2007/PY

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

22.07

22.28

STN INTERNATIONAL LOGOFF AT 11:29:18 ON 25 JUN 2007